



Missouri Department of Health

TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Howard Pue, DVM, MS, Section Chief
Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) July 2000
(through week 30 ending July 29, 2000)

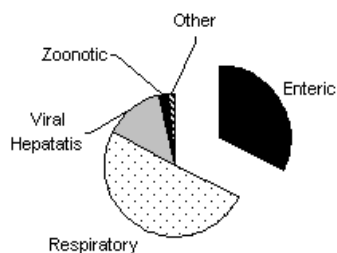
DATE: July 11, 2000

The Section of Communicable Disease Control and Veterinary Public Health will be publishing a monthly update on selected reported communicable diseases. The Section is responsible for reportable communicable diseases without federal funding. This information may also be found on the Missouri Department of Health (MDOH) Homepage at www.health.state.mo.us under Resource Materials.

Educational literature may also be found at this web site in the Publications Section.

The After Hours Emergency Number for the Missouri Department of Health is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health at (800) 392-0272.

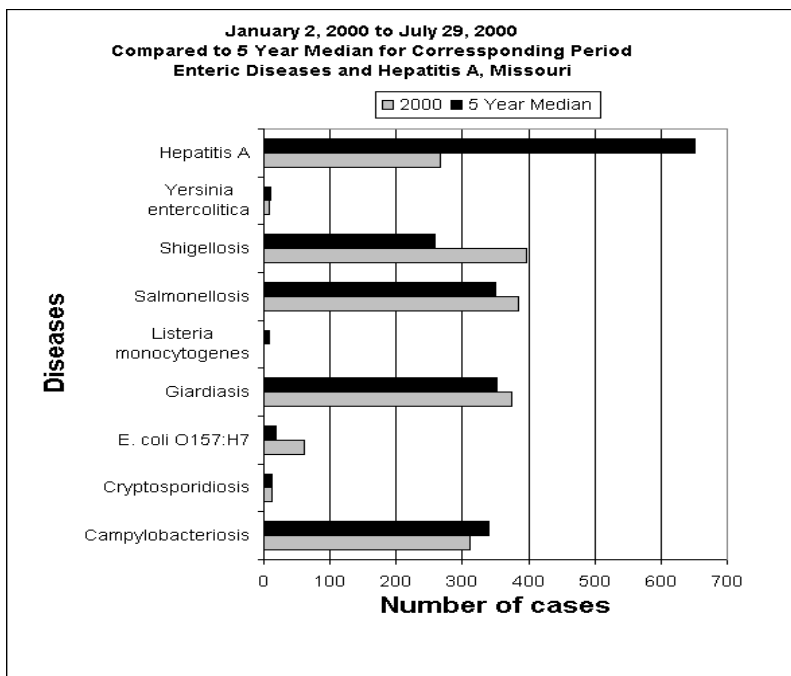
Reported Diseases by Category
Missouri, Year-To-Date
January 2* - July 29, 2000



Each month a different "slice of the pie" is described in the chart to the right.

*Reporting year 2000 began January 2, 2000.

See below for list of diseases in each category.



Reported Cases of Selected Diseases by Category

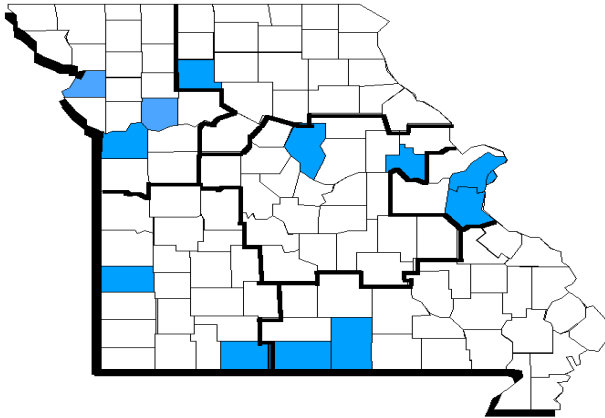
	2000 July	2000 YTD	1999 YTD	5 Year Median YTD	% Change 5 Year Median	Number of Cases, July 2000 by Health District						
						CD	ED	NE	NW	SE	SW	Unk
Enteric Diseases												
Campylobacteriosis	63	312	330	339	-	8.65%	7	24	2	7	6	16
Cryptosporidiosis	5	13	12	12	+	8.33%	1	3	0	0	0	1
E. coli O157:H7 #	27	62	19	19	+	226.32%	1	16	2	4	2	2
Giardiasis	59	374	352	352	+	6.25%	13	29	1	4	6	2
Listeria monocytogenes	0	3	9	9	-	200.00%	0	0	0	0	0	0
Salmonellosis	72	385	409	351	+	9.69%	15	19	0	9	7	15
Shigellosis	54	397	449	258	+	53.88%	2	27	0	20	0	3
Yersinia enterocolitica	1	8	8	10	-	25.00%	0	1	0	0	0	0
Respiratory												
Influenza (Lab Confirmed)	0	2414	935	302	+	699.34%	0	0	0	0	0	0
Legionellosis	6	19	13	9	+	111.11%	0	4	0	0	1	0
Viral Hepatitis												
Hepatitis A	19	267	260	651	-	143.82%	0	4	0	1	0	14
Hepatitis B	14	387	90	171	+	126.32%	0	7	1	1	0	5
Hepatitis C (Acute)	*											
Hepatitis C (Non-Acute)	*											
Zoonotic												
Ehrlichiosis	12	25	5	5	+	400.00%	2	4	2	0	0	3
Lyme Disease	13	34	34	32	+	6.25%	0	1	0	1	11	0
Rocky Mtn Spotted Fever	4	24	9	11	+	118.18%	0	0	0	1	0	2
Tularemia	3	16	11	9	+	77.78%	0	0	0	1	0	2
Other												
HIB Disease	1	8	4	6	+	33.33%	1	0	0	0	0	0
Malaria	2	6	11	8	-	33.33%	0	2	0	0	0	0
Meningococcal Disease	5	56	56	57	-	1.79%	1	3	0	0	0	1
*Hep C became reportable in 1997; it was previously included in Hepatitis Non A, Non B. Numbers to follow in future reports.												
Reportable diseases of very low incidence (<10 cases in previous year) are not included.												
#Increase in E.coli H7:O157 was due to an outbreak in Eastern District in January.												
~not divisible by zero												

1997 Population Estimates by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
679,600	1,893,900	249,200	1,276,300	545,400	757,600

The after hours emergency number for the Missouri Department of Health is (573) 751-4674.

Confirmed Animal Rabies in Missouri
By Health District
January 2 - July 29, 2000



Confirmed Rabies in Animals

	July		YTD	
Species	# Exams	# Positive	# Exams	# Positive
Dog	42	0	403	0
Cat	95	0	429	0
Bat	141	13	451	25
Skunk	4	0	37	2
Fox	2	0	8	0
Cow	2	0	12	1
Horse	0	0	6	0
Ferret	2	0	8	0
Raccoon	8	0	110	0

Rodent/Rabbit	21	0	113	0
Other Domestic	0	0	5	0
Other Wild	4	0	15	0
Total				

**Counties Under Rabies Alert: Barton, Boone, Buchanan
and Howell Counties.**

Active Surveillance System

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health. The current reporting format was implemented in July, 1998.

Signs and Symptoms of Diseases or Conditions	2000 July	1999* July	July 2000 by Health District					
			CD	ED	NE	NW	SE	SW
Animal Bites	257	220	37	20	18	99	43	40
Eye Redness w/drainage	523	308	94	82	42	91	138	76
Gastro Intestinal illnesses								
Diarrhea and/or vomiting	1,383	1,372	306	122	99	270	260	326
Other	109	47	7	0	12	14	53	23
Respiratory Illness								
Flu-like illness	916	1,107	183	10	35	405	201	82
Pneumonia	449	246	62	41	52	84	158	52
Other-URI	971	363	107	35	45	60	500	224
Strep	351	245	65	20	23	107	84	52
Mono	16	8	0	0	2	5	7	2
Rash Illnesses								
Chickenpox (varicella)	93	84	22	7	5	11	34	14
Shingles - (varicella zoster)	42	38	13	0	7	6	8	8
Fifth Disease	16	14	6	1	0	4	3	2
Hand, Foot & Mouth Disease	133	56	34	32	8	7	41	11
Other	224	107	35	21	8	48	63	49
Hepatitis								
Hepatitis A	16	23	0	1	0	6	0	9
Hepatitis B	9	3	1	0	0	2	2	4
Hepatitis C	38	37	0	0	2	18	10	8
Infestations								
Pediculosis	467	382	92	31	15	11	244	74
Scabies	45	81	11	0	4	3	15	12
Other	32	28	0	3	1	3	21	4
Central nervous system illnesses								
Encephalitis	0	0	0	0	0	0	0	0
Meningitis	11	13	0	0	1	3	0	7
Hypothermia	6	0	0	0	3	2	0	1
Hyperthermia	113	34	26	17	1	46	18	5
Other	4	1	0	0	0	0	3	1
*Does not include numbers for Eastern District								